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JAN 24 2006

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|---------------|--|---------------|--------------------------------|
| To: | Examiner Fernando L. Toledo Art Unit: 2823 | From: | Leslie S. Szivos |
| Fax: | 571-273-8300 | Pages: | 12 pages (including fax cover) |
| Phone: | | Date: | January 24, 2006 |
| Re: | Hussein I. Hanafi et al. U.S. Patent Appln. No. 10/659,949 Docket: YOR920020182US2 (15790A) Conf. No.: 5877 | CC: | |

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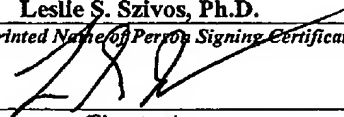
1. Transmittal of Response Under 37 C.F.R. 1.111 (in duplicate)
2. Response Under 37 C.F.R. 1.111 (7 pages)
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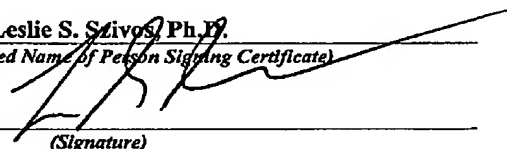
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JAN 24 2006

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|--|--|---------------------------------------|---|--|
| CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8) Applicant(s): Hussein I. Hanafi et al. | | | Docket No. YOR920020182US2 (15790A) | |
| Application No. 10/659,949 | Filing Date September 11, 2003 | Examiner Fernando L. Toledo | Group Art Unit 2823 | |
| Invention: LOW RESISTANCE T-GATE MOSFET DEVICE USING A DAMASCENE GATE PROCESS AND AN INNOVATIVE OXIDE REMOVAL ETCH | | | | |
| <p>I hereby certify that this _____ Response under 37 C.F.R. §§1.111 (Identify type of correspondence) is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. 571-273-8300) on January 24, 2006 (Date)</p> <p style="text-align: center;">Leslie S. Szivos, Ph.D. (Typed or Printed Name of Person Signing Certificate)  (Signature)</p> | | | | |
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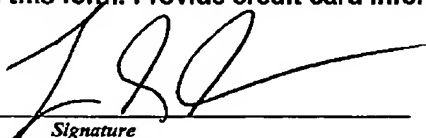
P18/REV02

JAN 24 2006

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|--|--|---------------------------------------|---|--|
| CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8) Applicant(s): Hussein I. Hanafi et al. | | | Docket No. YOR920020182US2 (15790A) | |
| Application No. 10/659,949 | Filing Date September 11, 2003 | Examiner Fernando L. Toledo | Group Art Unit 2823 | |
| Invention: LOW RESISTANCE T-GATE MOSFET DEVICE USING A DAMASCENE GATE PROCESS AND AN INNOVATIVE OXIDE REMOVAL ETCH | | | | |
| <p>I hereby certify that this <u>Response under 37 C.F.R. §§1.111</u> (Identify type of correspondence) is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>571-273-8300</u> on <u>January 24, 2006</u> (Date)</p> <p><u>Leslie S. Sivos, Ph.D.</u> (Typed or Printed Name of Person Signing Certificate)  (Signature)</p> | | | | |
| Note: Each paper must have its own certificate of mailing. | | | | |


P18/REV02

JAN 24 2006

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|---|--|---------------------------------------|--|-------------------------------|---|--|--|--|--------|--|--|--|--|--|
| AMENDMENT TRANSMITTAL LETTER (Large Entity) | | | | | Docket No. YOR920020182US2 (15790A) | | | | | | | | | |
| Applicant(s): Hussein I. Hanafi et al. | | | | | | | | | | | | | | |
| Application No. 10/659,949 | Filing Date September 11, 2003 | Examiner Fernando L. Toledo | Customer No. 23389 | Group Art Unit 2823 | Confirmation No. 5877 | | | | | | | | | |
| Invention: LOW RESISTANCE T-GATE MOSFET DEVICE USING A DAMASCENE GATE PROCESS AND AN INNOVATIVE OXIDE REMOVAL ETHCH | | | | | | | | | | | | | | |
| <u>COMMISSIONER FOR PATENTS:</u> | | | | | | | | | | | | | | |
| Transmitted herewith is an amendment in the above-identified application. | | | | | | | | | | | | | | |
| The fee has been calculated and is transmitted as shown below. | | | | | | | | | | | | | | |
| CLAIMS AS AMENDED | | | | | | | | | | | | | | |
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST # PREV. PAID FOR | NUMBER EXTRA CLAIMS PRESENT | RATE | ADDITIONAL FEE | | | | | | | | | |
| TOTAL CLAIMS | 9 - | 20 = | 0 | x | \$0.00 | | | | | | | | | |
| INDEP. CLAIMS | 3 - | 3 = | 0 | x | \$0.00 | | | | | | | | | |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> | | | | | \$0.00 | | | | | | | | | |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT | | | | | \$0.00 | | | | | | | | | |
| <input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 50-0510/IBM <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input checked="" type="checkbox"/> Payment by credit card. Form PTO-2038. | | | | | | | | | | | | | | |
| WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | | | | | | | | | | |
|  Signature | | | Dated: January 24, 2006 | | | | | | | | | | | |
| Leslie S. Szivos, Ph.D. Registration No. 39, 394 | | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____</td> </tr> <tr> <td style="width:50%; text-align: center;">(Date)</td> <td style="width:50%;"></td> </tr> <tr> <td colspan="2" style="text-align: center;">Signature of Person Mailing Correspondence</td> </tr> <tr> <td colspan="2" style="text-align: center;">Typed or Printed Name of Person Mailing Correspondence</td> </tr> </table> | | | | I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____ | | (Date) | | Signature of Person Mailing Correspondence | | Typed or Printed Name of Person Mailing Correspondence | |
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| (Date) | | | | | | | | | | | | | | |
| Signature of Person Mailing Correspondence | | | | | | | | | | | | | | |
| Typed or Printed Name of Person Mailing Correspondence | | | | | | | | | | | | | | |
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P11LARGE/REV09

JAN 24 2006

| AMENDMENT TRANSMITTAL LETTER (Large Entity) | | | | Docket No. | |
|---|-------------------------------------|--------------------------------|--|--------------------------|--------------------------|
| Applicant(s): Hussein I. Hanafi et al. | | | | YOR920020182US2 (15790A) | |
| Application No. 10/659,949 | Filing Date September 11, 2003 | Examiner Fernando L. Toledo | Customer No. 23389 | Group Art Unit 2823 | Confirmation No. 5877 |
| Invention: LOW RESISTANCE T-GATE MOSFET DEVICE USING A DAMASCENE GATE PROCESS AND AN INNOVATIVE OXIDE REMOVAL ETHCH | | | | | |
| COMMISSIONER FOR PATENTS: | | | | | |
| Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below. | | | | | |
| CLAIMS AS AMENDED | | | | | |
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST # PREV. PAID FOR | NUMBER EXTRA CLAIMS PRESENT | RATE | ADDITIONAL FEE |
| TOTAL CLAIMS | 9 - | 20 = | 0 | x | \$0.00 |
| INDEP. CLAIMS | 3 - | 3 = | 0 | x | \$0.00 |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> | | | | | \$0.00 |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT | | | | | \$0.00 |
| <input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 50-0510/IBM <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input checked="" type="checkbox"/> Payment by credit card. Form PTO-2038. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | |
|  Signature | | | Dated: January 24, 2006 | | |
| Leslie S. Szivos, Ph.D. Registration No. 39, 394 | | | <div style="border: 1px solid black; padding: 5px;"><p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on</p><p>(Date) _____</p><p>_____ Signature of Person Mailing Correspondence</p><p>_____ Typed or Printed Name of Person Mailing Correspondence</p></div> | | |
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|--------------------|---|-------------------------|-----------------------------|
| Applicants: | Hussein I. Hanafi et al. | Docket: | YOR920020182US2 (15790A) |
| Serial No.: | 10/659,949 | Examiner: | Fernando L. Toldeo |
| Filed: | September 11, 2003 | Art Unit: | 2823 |
| For: | LOW RESISTANCE T-GATE MOSFET DEVICE USING A DAMASCENE GATE PROCESS AND AN INNOVATIVE OXIDE REMOVAL ETCH | Dated: | January 24, 2006 |
| | | Confirmation No: | 5877 |

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE UNDER 37 C.F.R. § 1.111

Sir:

In response to the Office Action dated October 31, 2005, applicants submit the following amendments and remarks for entry of record in the above-identified patent application.

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Dated: January 24, 2006



Leslie S. Szivos